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REPORTS

OF THE


Medical Officer of Health

AND

Sanitary Inspector

FOR

THE YEAR 1937.



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KEMPSTON URBAN DISTRICT COUNCIL.

MR. CHAIRMAN AND GENTLEMEN,

I beg to lay before you the ANNUAL REPORT on the Public Health and Sanitary Conditions prevailing in your District for the year 1937.

This Report has been drawn up in accordance with the Ministry of Health's circular 1650 of October 4th, 1937.

SECTION A.

Statistics and Social Conditions of the Area.

| | |
|---|---------|
| Area in Acres. | 1302 |
| Population, Census for 1931 | 5488 |
| Registrar General's estimate of resident population up to Mid Year, 1937 | 6720 |
| Number of Inhabited Houses (at end of 1937) according to the Rate Book | 1993 |
| Rateable Value | £24,247 |
| Sum represented by a Penny Rate | £87 |

Social Conditions.

The population consists mainly of people of the working class. A considerable number of men and girls are employed at Messrs. Allen's Engineering Works, at the Meltis Chocolate Works and at the Igranic Works. These are all situated in Bedford.

The local works comprise a Shoe Factory, Leather Works, The Cryselco Electric Lamp Works, Crayon Works, Cardboard Box Factory, Tin Works and Metal Hose Works. A number of men are also employed at the Brick Works south of Kempston.

These are all quite healthy occupations and work is carried on in satisfactory surroundings with due regard to the health of the workers.

Unemployment.

There is very little unemployment and it has not exercised any adverse influence on the health or physique of the children or adults.

The following table shows the percentages of the unemployed on April 4th, 1938.

| | |
|----------------------------|-----|
| Bedfordshire | 4·5 |
| Bedford | 4·1 |
| Dunstable | 6·6 |
| Leighton Buzzard | 2·7 |
| Luton | 4·4 |
| Biggleswade | 6·0 |

Statistics.

| | | | |
|----------------------------------|---------------|--------------|----------------|
| | <i>Total.</i> | <i>Male.</i> | <i>Female.</i> |
| Live Births—Legitimate | 108 | 61 | 47 |
| Illegitimate | 4 | 3 | 1 |

Birth Rate per 1000 of the estimated resident population—16·6.
The corresponding figure for England and Wales is 14·9.

| | | | |
|-----------------------------------|---------------|--------------|----------------|
| | <i>Total.</i> | <i>Male.</i> | <i>Female.</i> |
| Still Births—Legitimate | 5 | 2 | 3 |
| Illegitimate | 0 | 0 | 0 |

Rate per 1000 total (live and still) births—42·7.

| | | | |
|------------------|---------------|--------------|----------------|
| | <i>Total.</i> | <i>Male.</i> | <i>Female.</i> |
| Deaths | 67 | 38 | 29 |

Death Rate per thousand of the estimated resident population—9·4.

(This has been multiplied by the Comparability Factor.)

Death Rate for England and Wales—12·4.

Deaths from puerperal causes (Headings 29 and 30 of the Registrar-General's Short List).

- No deaths.
- Rate per 1000 total (live and still) births 0.
- No. 29 Puerperal Sepsis 0.
- No. 30 other puerperal causes 0.
- Total 0.

Maternal Mortality for England and Wales:—

| | | | | |
|----------------------------|------|----------|----------------|---------|
| Puerperal Sepsis | ·94 | per 1000 | live and still | births. |
| Others | 2·17 | „ | „ | „ |

Death Rate of Infants under one year of age—

| | |
|--|-------|
| All infants per 1000 live births | 44·6 |
| Legitimate infants per 1000 legitimate live births | 46·29 |
| Illegitimate infants per 1000 illegitimate live births | 0 |

| | |
|--------------------------------------|---|
| Deaths from Measles (all ages)..... | 0 |
| Whooping Cough (all ages)..... | 0 |
| Diarrhœa (under 2 years of age)..... | 0 |
| Scarlet Fever (all ages)..... | 0 |
| Diphtheria..... | 1 |

CAUSES OF DEATH—

Male. Female.

| | | |
|---|----|----|
| Diphtheria..... | 1 | 0 |
| Measles..... | 0 | 0 |
| Scarlet Fever..... | 0 | 0 |
| Influenza..... | 2 | 2 |
| Tuberculosis of Respiratory System..... | 1 | 0 |
| Other Tuberculosis Diseases..... | 0 | 1 |
| Syphilis..... | 1 | 0 |
| G.P.I. Tabes, etc. | 0 | 0 |
| Cancer..... | 4 | 10 |
| Diabetes..... | 1 | 0 |
| Cerebral Hæmorrhage..... | 1 | 0 |
| Heart Disease..... | 11 | 8 |
| Aneurysm..... | 0 | 0 |
| Other Circulatory Diseases..... | 4 | 1 |
| Bronchitis..... | 1 | 0 |
| Pneumonia (all forms)..... | 5 | 0 |
| Other Respiratory Diseases..... | 0 | 1 |
| Peptic Ulcer..... | 1 | 0 |
| Diarrhœa (under 2 years)..... | 0 | 0 |
| Appendicitis..... | 0 | 0 |
| Cirrhosis of Liver..... | 0 | 0 |
| Other Diseases of Liver, etc..... | 0 | 1 |
| Other Digestive Diseases..... | 0 | 2 |
| Acute and Chronic Nephritis..... | 2 | 1 |
| Puerperal Sepsis..... | 0 | 0 |
| Other Puerperal Causes..... | 0 | 0 |
| Congenital Debility and Premature Birth, Malformation..... | 1 | 0 |
| Senility..... | 0 | 1 |
| Suicide..... | 0 | 0 |
| Other Violence..... | 1 | 0 |
| Other defined Diseases..... | 1 | 1 |
| Causes ill-defined or unknown..... | 0 | 0 |
| | 38 | 29 |

SECTION B.

General Provision of Health Services for the Area.

1 (i) MEDICAL OFFICER OF HEALTH—

DR. W. K. PARBURY, M.R.C.S., Eng., L.R.C.P., Ldn.

D.P.H., Camb., D.M.R.E., Camb.

(Part time, but devotes whole time to duties of M.O.H.).

SANITARY INSPECTOR AND SURVEYOR—

MR. PERCY W. COOPER, Cert., S.I.B., M.S.I.A.

(Whole time).

(ii) (a) LABORATORY FACILITIES—

The examination of the pathological and bacteriological specimens is made by the Counties Public Health Laboratories of 91, Queen Victoria Street, London, E.C. 4.

Five swabs for Diphtheria were examined for K.L. Bacillus, and one swab for Hæmolytic Streptococci.

(b) AMBULANCE FACILITIES—

(i) For Infectious Diseases a Motor Ambulance is kept at the Oakley Isolation Hospital.

(ii) For Non-Infectious Cases and Accidents a Public Ambulance is kept at the Bedford Fire Station and is available for your district.

(c) NURSING IN THE HOME—

There is a Nursing Association in your District which is run in connection with the Kempston Rural District under the auspices of the Bedfordshire Nursing Association. Nurse Minards is the nurse; she attends Maternity, Minor Medical and Surgical Cases. The Association is maintained by donations, subscriptions, fees charged to non-subscribers and maternity fees. There are 380 subscribers.

Below I append the work done during the year under review—

| | |
|----------------------------|------|
| Average weekly visits..... | 48 |
| Number of visits paid..... | 2519 |
| Nights on duty..... | 9 |
| Hours on duty..... | 2460 |
| Midwifery cases..... | 33 |
| Maternity cases..... | 13 |
| Surgical cases..... | 45 |
| Medical cases..... | 54 |

In addition to the above, the nurse visits the schools at the Medical Inspections.

(*d*) CLINICS AND TREATMENT CENTRES—

These are undertaken by the County Council.

(*e*) HOSPITALS—

There are no hospitals belonging to your authority but patients from your district go to the Bedford County Hospital (a voluntary Hospital) and the St. Peter's Hospital which is under the Public Assistance Authority. There is adequate provision.

(*f*) MIDWIVES—

The employment and registration of Midwives is undertaken by the County Council.

The number practising in your area is 5, including the one employed by the Bedfordshire County Nursing Association.

(*g*) LEGISLATION IN FORCE—

Adoptive Acts—

Public Health Act, 1890.

Public Health Acts Amendment Act 1907, Sections 61 and 67.

Notification of Births Act 1907.

Bye-Laws and Regulations—

Prevention of Nuisances.

Cleansing of Footways.

New Streets and Buildings.

Dairies, Cowsheds, Milkshops, etc.

Slaughter Houses.

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA.

Water.

With a few exceptions Water is supplied directly to every dwelling house in the area. The water supply is derived from the Greensand at Biggleswade. It continues to be highly satisfactory both as regards quality and quantity. The water is under the control of the Biggleswade Water Board. No analysis was made in the district during the year but I am attaching below a copy of the Chemical and Bacteriological Analysis taken at Biggleswade.

COPY

Analysis of a sample of Water received on 7.1.38 from Biggleswade Water Board. Labelled—Rising Main at Pumping Station at Topley's Hill.

Taken by DR. C. A. HARVEY. *Witness,* T. A. STANIFORTH.
Date, 6.1.38. 2.45 p.m.

CHEMICAL RESULTS IN PARTS PER 100,000.

| | | | |
|---|-------------------|--------|---------------------------|
| Appearance..... | Clear and Bright. | | |
| Colour..... | Normal | | Odour—Nil |
| Re-action pH..... | Neutral | 7.3 | Free Carbonic Acid 2.0 |
| Electric Conductivity at 20° C. | | 560 | |
| Total Solids, 180 C..... | | 37.0 | |
| Chlorine in Chlorides..... | | 1.9 | |
| Nitrogen in Nitrates..... | | Nil | Nitrites Absent |
| Hardness—Permanent..... | | 5.0 | |
| Temporary..... | | 21.0 | |
| Total..... | | 26.0 | |
| Metals..... | Absent | | |
| Free Ammonia..... | | 0.0000 | |
| Albuminoid Ammonia..... | | 0.0004 | |
| Oxygen absorbed in 4 hours at 80° F..... | | 0.020 | |

BACTERIOLOGICAL RESULTS.

No. of Bacteria per c.c. or ml.

| | | |
|------------------------------------|----|--------------------|
| On Agar in 3 days at 20° C. — | 3. | |
| ,, 1 day at 37° C. — | 0. | |
| ,, 2 days at 37° C. — | 1. | |
| The Bacillus Coli ... Present in — | | Absent in 100 c.c. |
| Bacillus Welchii ... Present in — | | Absent in 100 c.c. |

Report.

This sample is clear and bright, of normal colour, and neutral in re-action. The water is hard in character, though not to an excessive degree, contains no excess of salinity and no metals.

It is of a high standard of organic and bacterial purity, and is regarded, therefore, as pure and wholesome water, suitable for drinking and domestic purposes.

For DRs. BEALE AND SUCKLING.

(Signed) E. SUCKLING.

SCHOOLS.

There are two schools in your district both of them are Council Schools.

1. BEDFORD ROAD SCHOOL.

The Senior School has an average of 291 pupils on its roll with an average attendance of 265. The Junior School has an average of 248 with an average attendance of 226.

The sanitary arrangements are water-flushed closets, connected with sewer. There are conveniences for 6 boys, 6 girls, 3 infant boys and 3 infant girls. The water is obtained from the public mains.

There is electric light in both departments.

The Senior School class-rooms are warmed by central heating throughout, those of the Junior School have radiators and open fire places.

The internal decorations of both Schools are good.

There is a very good playing ground for both departments.

In the Senior School the washing accommodation is very poor, especially that for the boys. I am informed that fresh washing accommodation will be installed shortly.

In the Junior School the Cloakroom facilities are inadequate, especially for the boys; their Cloakroom gives one the impression that it is an old porch which has been converted.

The facilities for drying clothes in both Cloakrooms are insufficient and an improved system is really necessary.

2. THE UP END SCHOOL.

The average number of pupils on the roll is 225 with an average attendance of 204.

The sanitary arrangements are water-flushed closets connected with the public sewer. There are two conveniences for boys, five for girls and two for infants.

The water supply is from the main.

There are five class-rooms which are lighted by electricity and are warmed by central heating and radiators. The internal decorations are good except in the porch which the boys use for a cloakroom. This requires fresh paint on the walls.

There is a playing ground with a tarmac surface; this has been greatly enlarged during the year by the acquisition of the adjacent land.

ANNUAL REPORT OF YOUR SANITARY INSPECTOR AND SURVEYOR.

SECTION "C".

1.—(i) Water.

With a few exceptions water is supplied directly into every dwelling house in the area, much benefit in pressure has been effected by the duplicating of the Trunk mains from the reservoir and the larger distributing mains recently laid in the area. There is, however, a slight decrease in pressure owing to the large number of new houses that have been connected to the supply within the area during the past year, and also to the fact that more water is now being taken from the mains to serve the demands of those supplied outside the area.

During the year under review the following extensions to the Council's mains have been carried out.

| | | | |
|------------|-----|-----|--------------------------|
| Hoo Estate | ... | ... | 1,200 feet of 3in. main. |
|------------|-----|-----|--------------------------|

| | | | |
|----------------|-----|-----|------------------------|
| Chantry Estate | ... | ... | 615 feet of 3in. main. |
|----------------|-----|-----|------------------------|

These additions were necessary to serve private building estates.

(ii) Drainage and Sewerage.

There have been 584 yards of 9in. main sewers completed and coupled to the Council's sewers during the year, carried out by private enterprise to serve the needs of new building estates.

Council's New Main Sewer and Sewage Disposal Works and Plant.

The extensions to the Council's main sewers, the storm relief sewer, the new and larger installations at the disposal works, together with the new pumping stations and plant have been completed during the year and are working efficiently. The effluent from the Works is now satisfactory.

2.—Rivers and Streams.

During the dismantling period of the old plant at the disposal works, land treatment had to be resorted to, whilst the new work was being completed, this slightly discoloured the effluent, but this is now remedied, and the stream from the disposal works has been cleaned out for a considerable distance.

The stream is now clean.

3.—(i) Closet Accommodation.

With the exception of a few houses in the outlying parts of the district all houses have water closets.

(ii) Public Cleansing.

There are no ash-pits or privies in the area. The new sewers have now served properties hitherto in unsewered areas, and these premises have now been installed with water closets. Pail closets are used, however, to those premises not yet connected to the Council's sewer, these being emptied weekly by Council's men with tank carts and contents discharge at the sewage outfall.

Dust Bins are emptied weekly by Council's men with covered vehicles, and refuse taken to the Destructor, where it is burnt to a residue of hard clinker and fine ash.

(iii) Sanitary Inspection of the Area.

The following table shows the number of inspections made during the year, for all purposes:

| | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|------|
| Dwelling houses inspected under the Housing Acts | | | | | | | |
| Regulations | ... | ... | ... | ... | ... | ... | 12 |
| Ordinary Inspections for housing defects | ... | ... | ... | ... | ... | ... | 98 |
| Sanitary routine inspections | ... | ... | ... | ... | ... | ... | 117 |
| Inspection of New Buildings in course of erection | ... | ... | ... | ... | ... | ... | 2031 |
| Inspection of Slaughter-houses and Foodstuffs | ... | ... | ... | ... | ... | ... | 84 |
| Visits and re-visits to Council property relating to reported | | | | | | | |
| defects and repairs of same | ... | ... | ... | ... | ... | ... | 48 |
| Inspection of Factories and Workshops, including Bake- | | | | | | | |
| houses | ... | ... | ... | ... | ... | ... | 27 |

Sanitary Inspection of the Area—*continued*

| | | | | |
|-------------------------------------|-----|-----|-----|------|
| Inspection of Cow-sheds and Dairies | ... | ... | ... | 21 |
| Inspection of Petroleum Stores | ... | ... | ... | 15 |
| Visits re Infectious Disease | ... | ... | ... | 18 |
| Rooms disinfected | ... | ... | ... | 22 |
| Inspections under Shops Act | ... | ... | ... | 16 |
| Other miscellaneous visits | ... | ... | ... | 28 |
| | | | | — |
| | | | | 2537 |
| | | | | — |

(iv) Shops.

At the premises of one sales shop it was found that the W.C. accommodation was out of date and insanitary. Same has been dismantled and new fittings installed.

(v) Smoke Abatement.

Four cases of nuisance were reported with respect to the burning of rubbish at dumps and trade premises. All were promptly dealt with and the nuisances abated.

(vi) Swimming Baths and Pools.

There are no privately owned or other swimming baths open to the public in the district.

(vii) Eradication of Bed Bugs.

During the year under review four houses were found to be infested with bugs, all of which were privately owned.

These were disinfected by the Council and two separate methods have been put into operation as follows :

- (1) Skirting boards and architraves pulled away from walls in all rooms, all floor covering removed and destroyed. Holes bored in ceilings of all rooms. All windows, doors and chimney openings sealed and disinfected by High Concentration of Gas (Cescones).
- (2) Procedure as above, but no openings sealed, and disinfested with a liquid fumigant (Zaldecide), in the form of a spray pressure driven, behind all skirting boards, architraves, picture rails and all other likely places.
- (3) Old houses examined personally before tenants leave.
- (4) All disinfection carried out by Local Authority.
- (5) Periodic revisits.

4. Schools.

This is referred to by the Medical Officer of Health.

SECTION D.

Number of New Houses erected during the year.

| | |
|------------------------------------|-----|
| 1. By the Local Authority..... | 0 |
| 2. By other Local Authorities..... | 0 |
| 3. By other bodies or persons..... | 202 |

HOUSING.

The general standard of the housing in the District is good.

The defects found to exist were as follows :—

| | | | | | |
|--|-----|-----|-----|-----|----|
| Defective Floors | ... | ... | ... | ... | 4 |
| „ Spouting | ... | ... | ... | ... | 5 |
| „ Eaves Guttering | ... | ... | ... | ... | 5 |
| „ Roofs | ... | ... | ... | ... | 9 |
| „ Windows | ... | ... | ... | ... | 2 |
| „ Drains | ... | ... | ... | ... | 5 |
| „ Yard Paving | ... | ... | ... | ... | 11 |
| „ Flues | ... | ... | ... | ... | 2 |
| „ Water Closets | ... | ... | ... | ... | 8 |
| „ Sinks | ... | ... | ... | ... | 13 |
| Damp Walls | ... | ... | ... | ... | 3 |
| Want of internal Cleansing | ... | ... | ... | ... | 5 |
| Other defects | ... | ... | ... | ... | 9 |
| Notices served upon owners to repair or renew defective water fittings | ... | ... | ... | ... | 10 |

1. Inspection of Dwelling Houses during the Year.

| | | | |
|-----|-----|--|-----|
| (1) | (a) | Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)..... | 74 |
| | (b) | Number of inspections made for the purpose..... | 98 |
| (2) | (a) | Number of dwelling-houses (included under the above sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1925..... | Nil |
| | (b) | Number of inspections made for the purpose..... | Nil |
| (3) | | Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation..... | Nil |
| (4) | | Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation..... | 48 |

2. Remedy of Defects during the Year without Service of Formal Notices.

- Number of defective houses rendered fit in consequence of informal action by the Local Authority or their officers 46

3. Action Under Statutory Powers During the Year.

A.—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936:

- (1) Number of dwelling-houses in respect of which notices were served requiring repairs Nil
- (2) Number of dwelling-houses which were rendered fit at service of formal notices:
- (a) By owners Nil
- (b) By local authority in default of owners Nil

B.—Proceedings under Public Health Acts:

- (1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied Nil
- (2) Number of dwelling-houses in which defects were remedied after service of formal notices:
- (a) By owners Nil
- (b) By local authority in default of owners Nil

C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936:

- (1) Number of dwelling-houses in respect of which Demolition Orders were made Nil
- (2) Number of dwelling-houses demolished in pursuance of Demolition Orders 15

D.—Proceedings under Section 12 of the Housing Act, 1936:

- (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made Nil
- (2) Number of separate tenements or underground rooms in respect of which closing orders were determined, the tenement or room having been rendered fit Nil

4. Housing Act, 1936—Part IV.—Overcrowding.

| | | | |
|-----|-------|---|-----|
| (a) | (i) | Number of dwellings overcrowded at the end of the year..... | 18 |
| | (ii) | Number of families dwelling therein..... | 18 |
| | (iii) | Number of persons dwelling therein..... | 120 |
| (b) | | Number of new cases of overcrowding reported during the year..... | Nil |
| (c) | (i) | Number of cases of overcrowding relieved during the year..... | Nil |
| | (ii) | Number of persons concerned in such cases..... | Nil |
| (d) | | Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding..... | Nil |
| (e) | | Seven new houses (nearing completion) are being provided by the Council to relieve the above overcrowding. | |

SURVEYOR'S INSPECTIONS OF BUILDING WORKS IN PROGRESS DURING THE YEAR.

| | |
|---|-----|
| Surface Water Drains..... | 91 |
| New Streets and Sewers..... | 233 |
| Footings and Foundations..... | 140 |
| Concrete to Foundations and Footings..... | 178 |
| Damp Course..... | 179 |
| Drains..... | 574 |
| Work in course of construction..... | 361 |
| Alterations and additions to existing properties... | 130 |
| Houses to be inhabited..... | 205 |

SECTION E.

Inspection and Supervision of Food.

(a) Milk Supply.

The milk supply is derived chiefly from the local cowkeepers. Visits to cowsheds have been made during milking hours and suggestions were given for the purpose of encouraging clean methods and for necessary care to be taken in the production and handling of milk.

During the year the following defects in cowsheds and Dairies have been discovered and notified to the owners.

| | | | | |
|------------------------------|-----|-----|-----|---|
| Defective cowshed floors | ... | ... | ... | 2 |
| „ drainage | ... | ... | ... | 2 |
| „ yard paving | ... | ... | ... | 1 |
| Want of internal Limewashing | ... | ... | ... | 3 |

(b) **Meat and Other Foods.**

There are three Slaughter Houses in use in the area and eleven retail shops where meat is sold. Notices of days and times of slaughtering are given and are adhered to. The Slaughter Houses, shops, vehicles and places where food is prepared have been duly inspected and found to be in good order.

Carcases Inspected and Condemned.

| | <i>Cattle excluding Cows</i> | <i>Cows</i> | <i>Calves</i> | <i>Sheep and Lambs</i> | <i>Pigs</i> |
|---|--------------------------------------|-------------|---------------|--------------------------------|-------------|
| Number inspected | 148 | Nil. | 2 | 395 | 301 |
| <i>All Diseases except Tuberculosis.</i> Whole Carcases condemned. ... | Nil. | Nil. | Nil. | Nil. | Nil. |
| Carcases of which some part or organ was condemned ... | 3 | Nil. | Nil. | 2 | Nil. |
| Percentage of the number inspected, affected with disease other than Tuber- culosis | 2 | Nil. | Nil. | 0.5 | Nil. |
| <i>Tuberculosis only.</i> Whole carcasses condemned. ... | Nil. | Nil. | Nil. | Nil. | Nil. |
| Carcases of which some part or organ was condemned ... | Nil. | Nil. | Nil. | Nil. | 3 |
| Percentage of the number inspected, affected with Tuberculosis | Nil. | Nil. | Nil. | Nil. | 1 |

(c) and (d) Samples of food and drugs are taken by the police.

(e) No action taken to increase the knowledge of the public on the subject of Nutrition.

(f) Not applicable to this district as there are no shell-fish beds or layings in the district.

SECTION F.

Disinfection.

Fumigation of rooms has been carried out after all cases of infectious diseases by a dilute spray of Formalin and by Formaldehyde Gas.

An inspection of the house and sanitary arrangements is also made in each case, and notice served to make good any defect that may be found.

PERCY W. COOPER, A.R.SAN.I., A.M.I.S.E.,
Sanitary Inspector,
Kempston Urban District Council.

Annual Report of the Medical Officer of Health for the year 1937, for the Urban District of Kempston.

on the administration of the Factory and Workshops Act, 1901, in connection with

FACTORIES, WORKSHOPS and WORKPLACES.

1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

| Premises. (1) | Number of | | |
|---|---------------------|----------------------------|---------------------------------|
| | Inspections. (2) | Written Notices. (3) | Occupiers prosecuted. (4) |
| Factories (Including Factory Laundries) | 32 | 6 | Nil |
| Workshops... .. (Including Workshop Laundries) | 21 | Nil | Nil |
| Workplaces (Other than Outworkers' premises) | 2 | Nil | Nil |
| TOTAL | 55 | 6 | Nil |

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

| Premises. | Number of Defects. | | | Number of offences in respect to which Prosecutions were instituted. |
|--|--------------------|-----------|-----------------------------|--|
| | Found. | Remedied. | Referred to H.M. Inspector. | |
| (1) | (2) | (3) | (4) | (5) |
| <i>Nuisances under the Public Health Acts*—</i> | | | | |
| Want of Cleanliness | 2 | 2 | Nil | Nil |
| Want of Ventilation | ... | ... | ... | ... |
| Overcrowding | ... | ... | ... | ... |
| Want of Drainage of Floors ... | ... | ... | ... | ... |
| Other Nuisances | 4 | 4 | ... | ... |
| Sanitary (insufficient | 3 | 3 | ... | ... |
| Accommo- unsuitable or defective ... | ... | ... | ... | ... |
| dation (not separate for sexes ... | 1 | 1 | ... | ... |
| <i>Offences under the Factory and Workshops Acts—</i> | | | | |
| Illegal occupation of Under-ground Bakehouse (s. 101)... | Nil | Nil | ... | ... |
| Other Offences | ... | ... | ... | ... |
| (Excluding offences relating to outwork and offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921). | | | | |
| TOTAL | 10 | 10 | Nil | Nil |

* Including those specified in sections 2, 3, 7 and 8, of the Factory and Workshops Act, 1901, as remediable under the Public Health Acts.

Prevalence of, and Control Over, Infectious and other diseases.

ISOLATION HOSPITAL ACCOMMODATION—

Patients suffering from notifiable infectious diseases are being treated at the Oakley Isolation Hospital which is now administered by a Joint Hospital Board, comprised of members from the Bedford Borough, Bedford Rural District Council and the Kempston Urban District Council. It was arranged that the accommodation for patients should be increased to sixty-four beds allowing 200 square feet floor space to each bed.

Plans have been prepared and approved and the work of building has been commenced for the following:

- (1) A Porter's Lodge.
- (2) A Cubicle Ward of eight beds.
- (3) A new Diphtheria Block of ten beds.
- (4) An enlargement of the Administrative Block in order to give every member of the Staff a separate bedroom, and to supply various other necessary improvements to bring the Block up to date.

Oakley Isolation Hospital.

No. of patients in hospital from your district on January 1st, 1937, was 2 Scarlet Fever cases, and 1 Diphtheria.

Admissions—

10 Scarlet Fever and 9 Diphtheria.

Discharges—

9 Scarlet Fever and 8 Diphtheria.

Deaths—

One from Diphtheria.

No. of Patients remaining in hospital on December 31st, 1937, was 3 Scarlet Fever cases, and 1 Diphtheria.

Small Pox.

I am glad to report that no case occurred.

Scarlet Fever.

10 cases were notified—all were admitted to the Isolation Hospital.

Diphtheria.

9 cases notified—All admitted to the Isolation Hospital. One death.

Diphtheria Antitoxin is supplied by your Council.

Artificial Immunisation against Diphtheria.

In order to encourage this immunisation your Council has agreed to supply, without charge, the necessary material to any doctor who wishes to avail himself of this offer.

No cases recorded.

NOTIFIABLE DISEASES.
(Other than Tuberculosis).

| | | Scarlet Fever | Diphtheria | Ophthalmia Neonatorum | Pneumonia | Puerperal Fever |
|-------------------------------|-----|------------------|------------|--------------------------|-----------|--------------------|
| Total cases notified | ... | 10 | 9 | 1 | 1 | 1 |
| Cases admitted to Hospital | ... | 10 | 9 | 1 | ... | ... |
| Total Deaths | ... | ... | 1 | ... | ... | ... |
| Cases under 1 year | ... | ... | ... | 1 | ... | ... |
| Deaths under 1 year | ... | ... | ... | ... | ... | ... |
| Cases 1 to 2 years | ... | ... | ... | ... | ... | ... |
| Deaths 1 to 2 years | ... | ... | ... | ... | ... | ... |
| Cases 2 to 3 years | ... | ... | ... | ... | ... | ... |
| Deaths 2 to 3 years | ... | ... | ... | ... | ... | ... |
| Cases 3 to 4 years | ... | 2 | ... | ... | ... | ... |
| Deaths 3 to 4 years | ... | ... | ... | ... | ... | ... |
| Cases 4 to 5 years | ... | 1 | 2 | ... | ... | ... |
| Deaths 4 to 5 years | ... | ... | ... | ... | ... | ... |
| Cases 5 to 10 years | ... | 5 | 3 | ... | ... | ... |
| Deaths 5 to 10 years | ... | ... | 1 | ... | ... | ... |
| Cases 10 to 15 years | ... | ... | 2 | ... | ... | ... |
| Deaths 10 to 15 years | ... | ... | ... | ... | ... | ... |
| Cases 15 to 20 years | ... | ... | 1 | ... | ... | ... |
| Deaths 15 to 20 years | ... | ... | ... | ... | ... | ... |
| Cases 20 to 35 years | ... | 2 | ... | ... | ... | ... |
| Deaths 20 to 35 years | ... | ... | ... | ... | ... | ... |
| Cases 35 to 45 years | ... | ... | ... | ... | 1 | 1 |
| Deaths 35 to 45 years | ... | ... | ... | ... | ... | ... |
| Cases 45 to 65 years | ... | ... | 1 | ... | ... | ... |
| Deaths 45 to 65 years | ... | ... | ... | ... | ... | ... |
| Cases 65 years and over | ... | ... | ... | ... | ... | ... |
| Deaths 65 years and over | ... | ... | ... | ... | ... | ... |

Cancer.

Fourteen deaths of cancer were registered. Four males and ten females. This gives a rate of 2083 per million living against that of England and Wales at 1632 per million living.

Prevention of Blindness.

No action was necessary to be taken under Section 66 of the Public Health Act, 1925.

Tuberculosis.

No necessity arose for any action to be taken under the Public Health (Prevention of Tuberculosis) Regulations 1925 (relating to persons in the Milk Trade) or under Section 62 of the Public Health Act 1925 (relating to compulsory removal to Hospital).

TUBERCULOSIS. New Cases and Mortality.

| Age Period | <i>New Cases.</i> | | | | <i>Deaths.</i> | | | |
|--------------------------|-------------------|---------|---------------|--------|----------------|--------|---------------|--------|
| | Pulmonary | | Non-Pulmonary | | Pulmonary | | Non-Pulmonary | |
| | Male | Female | Male | Female | Male | Female | Male | Female |
| Under 1 year ... | ... | ... | ... | 1 | ... | ... | ... | 1 |
| 1 year to 5 years ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 5 years to 10 years ... | ... | ... | ... | 1 * | ... | ... | ... | ... |
| 10 years to 15 years ... | ... | ... | ... | 1 * | ... | ... | ... | ... |
| 15 years to 20 years ... | 1 * | 1 | ... | ... | ... | ... | ... | ... |
| 20 years to 25 years ... | 1 | 1 | ... | ... | ... | ... | ... | ... |
| 25 years to 35 years ... | 1 | 2 + 1 * | ... | ... | ... | ... | ... | ... |
| 35 years to 45 years ... | 1 + 1 * | 1 | ... | ... | ... | ... | ... | ... |
| 45 years to 55 years ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 55 years to 65 years ... | ... | ... | ... | ... | 1 | ... | ... | ... |
| 65 years and over..... | ... | ... | ... | ... | ... | ... | ... | ... |

* Re-notifications.

In conclusion, I wish to thank your Clerk, Mr. Townsend, and your Sanitary Inspector, Mr. Cooper, for their assistance in drawing up this report.

I am, Gentlemen,

Your Obedient Servant,

W. K. PARBURY,

M.R.C.S. Eng., L.R.C.P. Ldn.

D.P.H. Camb., D.M.R.E., Camb.

May, 1938.

